

Philippe Docourt

Python Software Engineer

Contact

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Skills

Problem-solving abilities



Python / Django



Microservices deployment with Docker



Performance and scalability optimization



Database design



Agile methodology



Communication



After 12 years developing CAM solutions for the industry, I had an epiphany discovering Python and Django in 2015, with which I developed half a dozen projects since then.

Enthusied Python developer with competencies in Django and web services deployment. Considered talented for writing elegant code that solves real problems.

Offers 16 years of software development expertise for a new career as a Python software engineer.

Work History

2016-01 -
Current

Independent Contractor (Part Time)

DProg, Courroux, Switzerland

- Developed several Django based applications, including online sports club management platform mygym-web.ch
- Deployed web applications in cloud with Docker
- Tested web applications in staged environment with docker-compose
- Wrote 4 open-source tools like django-qr-code (see <https://github.com/dprog-philippe-docourt/>)
- Worked with services like Travis CI and Code Climate for monitoring and improving code quality
- Tested web deployment stacks under load, and optimized hosting costs according to real-life use

2010-04 -
Current

Software Engineer Team Lead (Part Time Since 2016)

TopSolid Switzerland, Delémont, Switzerland

- Led team of 4 developers while delivering new features for TopSolid'CAM software
- Responsible for introducing continuous integration in TopSolid development workflow
- Deployed in-house CI infrastructure based on Docker containers
- Optimized software by reducing memory usage and execution time when working on huge data sets
- Performed testing on software to uncover bugs and troubleshoot issues before application launches
- Mentored junior engineers and new hires to better improve competency and efficiency of all staff

Vue.js


Average

C# and .Net development

Very Good

C++

Very Good

Shell scripting and task automation

Excellent

Languages

French

Native

English

Advanced

German

Novice

2003-04 -
2010-01

Software Development Engineer

Jurasoft, Porrentruy, Switzerland

- Contributed to developing a brand new CAM software in a small startup
- Met with project manager and team members to provide detailed project reports and milestone updates
- Gathered and defined customer requirements to develop clear specifications
- Responsible for setting up software documentation with Doxygen
- Wrote software tests and contributed to deploy automated testing

Education

1999-10 -
2003-03

Engineer: Computer Science And Programming

École D'ingénieurs De St-Imier - St-Imier

- Rotary Club award for the best graduation grade

Accomplishments

- Launched my own online service for managing sports clubs at mygym-web.ch
- Led a team that wrote the current simulation of complex NC machines in TopSolid'CAM, one of the world leaders in CAM software
- Worked as manager of TopSolid Switzerland subsidiary from 2010 to 2017

Interests

Coding & DevOps

Leadership skills and organizational communication

Family trips

Volunteer in sports organizations